

10/585204

Docket No. 293227US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hideomi KOINUMA, et al.

SERIAL NO: New U. S PCT Application Based on PCT/JP04/12378

FILED: Herewith

FOR: PROCESS FOR PRODUCING FILM OF LIQUID CRYSTAL POLYMER

19320 Rec'd PCT/PTO 03 JUN/2006

GAU:

EXAMINER:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMc/ (12/22/2008)

SHEET 1 OF 1

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

293227US0PCT

11/15/85204
New U.S. PCT Application
Based on PCT/JP04/12378

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Hideo mi KOINUMA, et al.

FILING DATE

Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	07-169587	07/04/95	JP(with English abstract)		NO
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AV	ARAI, Keiichiro et al., "Pulse Laser Taiseiho ni yoru Ekisho Polymer Hakumaku no Sakusei", The Japan Society of Applied Physics, Vol. 64, No. 3, Page 1227 August 30, 2003..	
AW	GONZALO, J. et al., "Pulsed laser deposition of liquid crystals", Appl. Phys. Lett., Vol. 71, No. 19, Pages 2752-2754, November 1997.	
AX	GONZALO, J. et al., "Liquid crystal films grown by pulsed laser deposition", Applied Surface Science, Vol. 138-139, Pages 179-183, 1999.	
AY	ARAI, Keiichiro et al., "Ekisho Polymer no LD-TOFMS, PLD Ho ni yoru Makutaisei, Oyobi Maku no Zetsuensei, Device Hogo Tokusei no Hyoka", Vol. 51, No. 3, Page 1341, March 28, 2004.	
AZ	FUKUMOTO, Hiroki et al., "Combinatorial Physical Vapor Deposition of Π -Conjugated Organic Thin Film Libraries", Macromolecular Rapid Communications, Vol. 25, Pages 196-203, 2004.	<input type="checkbox"/> Additional References sheet(s) attached
Examiner	/Sanza McClendon/ (12/22/2008)	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMc/ (12/22/2008)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SMc/

Receipt date: 07/03/2006

New U.S. PCT Application Based on PCT/JP04/12378

Hideomi KOINUMA, et al.

Docket No. 293227 US

293227
10/29 Rec'd PCT/PTO 03 JUN/2006

STATEMENT OF RELEVANCY

- 1) References AO, AV - AY have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) Reference AZ is discussed in the specification. A copy of this reference is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.